R E P O R T R E S U M E S

ED 019 503 08 VT 005 480

PROGRESS REPORT OF THE RESEARCH COORDINATING UNIT, NOVEMBER 1, 1967-JANUARY 31, 1968.

WYOMING STATE DEPT. OF EDUCATION, CHEYENNE
REPORT NUMBER BR-6-2729 PUB DATE FEB 68
GRANT OEG-4-6-062729-2083
EDRS PRICE MF-$0.25 HC-$0.72 16P.

DESCRIPTORS- *RESEARCH COORDINATING UNITS, *VOCATIONAL EDUCATION, RESEARCH PROJECTS, *STATE PROGRAMS, *EDUCATIONAL RESEARCH, *PROGRAM DESCRIPTIONS, WYOMING,

THE SIXTH-QUARTER ACTIVITIES OF THE WYOMING RESEARCH COORDINATING UNIT ARE REPORTED AS COMPLETED, PROJECTS UNDERWAY, AND PROPOSED. SIX COMPLETED PROJECTS INCLUDED A NATIONAL SURVEY OF TRAVEL REGULATIONS GOVERNING STATE VOCATIONAL EDUCATION DEPARTMENTS, A STUDY OF THE REASONS FOR PRACTICAL NURSING STUDENTS DISCONTINUING THEIR TRAINING AT THE LARAMIE MDTA VOCATIONAL SCHOOL OF PRACTICAL NURSING, AND A FOLLOWUP STUDY OF POST-SECONDARY VOCATIONAL-TECHNICAL GRADUATES. ELEVEN PROJECTS IN PROGRESS INCLUDED THE PREPARATION OF A POLICY AND PROCEDURES FOR VOCATIONAL-TECHNICAL EDUCATION, A STATEWIDE EFFORT TO INFORM CITIZENS OF THE IMPORTANCE OF VOCATIONAL-TECHNICAL EDUCATION, A STUDY OF AREA VOCATIONAL SCHOOL LOCATION, AND A BIBLIOGRAPHY OF MATERIALS ON THE USE OF ADVISORY COMMITTEES. PROPOSED PROJECTS INCLUDE A BOOKLET DESIGNED TO ACQUAINT EDUCATORS, STUDENTS, AND OTHERS WITH THE SCOPE OF VOCATIONAL-TECHNICAL EDUCATION AND A 3-WEEK SUMMER WORKSHOP FOR RESEARCH IN VOCATIONAL EDUCATION. SEVENTEEN OTHER PROPOSALS WERE EVALUATED BY THE UNIT FOR MODIFICATION, REVISION, OR REJECTION. (WB)

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
OFFICE OF EDUCATION

THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL OFFICE OF EDUCATION POSITION OR POLICY.

wyoming

ED019503

VT005480

PROGRESS REPORT
OF THE
RESEARCH COORDINATING UNIT

State Department of Education

Vocational-Technical Education Division

February 1968

WYOMING RESEARCH COORDINATING UNIT

Gene Schrader, Director

PROGRESS REPORT

(November 1, 1967-January 31, 1968)

Project No. 6-2729 Grant No. OEG 4-6-062729-2083

STATE DEPARTMENT OF EDUCATION
Harry Roberts, State Superintendent
Vocational-Technical Education Division
Capitol Building
Cheyenne, Wyoming
82001

February, 1968

FOREWORD

This is the sixth quarterly report prepared and submitted by the Research Coordinating Unit in Wyoming.

Information included herein pertains to the varied activities of the Research Coordinating Unit in Wyoming. Information as to projects funded, pending and completed, upcoming projects, publications, and activities of the personnel are included in this report.

INTRODUCTION

This publication is revised quarterly as an integral part of the Wyoming Research Coordinating Unit's quarterly report to the United States Office of Education.

Information concerning the projects and publications contained herein is not meant to be complete. It is provided to give an idea and a brief description of the projects and publications in which the Research Coordinating Unit is or has been participating.

Questions concerning any publication or projects should be directed to the Research Coordinating Unit.

TABLE OF CONTENTS

COMPLETED PROJECTS. 1

Travel Regulations Study 1
Practical Nursing Study. 1
Community College Brochure 2
Casper College Project 2
Follow-Up Procedure. 2
PERT 3

PROJECTS UNDERWAY 4

Governor's Vocational Conference 4
Policies and Procedures Manual 4
Secondary Schools Vocational Programs. 5
1968 CAMPS Plan. 5
Data Collection. 5
EDRS Service 5
Vocational Agriculture 6
Background of Business Faculty 6
Bibliography 6
Vocational Needs Study 7
Home Economics Advisory Committee. 7

PROPOSED PROJECTS 8

Vocational Education Booklet 8
Summer Workshop. 8
Proposal Evaluation. 9

COMPLETED PROJECTS

Travel Regulations Study

The Wyoming Research Coordinating Unit was given the task of surveying the travel regulations governing the Vocational Education Departments throughout the country. Questionnaires were sent to all of the states and the territories of Guam, Puerto Rico and the Virgin Islands. Only one of the states and one territory had failed to reply by January 8, 1968, the date the study was completed. The study concerned department regulations for both in-state and out-of-state travel. The study was disseminated upon completion.

Practical Nursing Study

This study, entitled "Determination of Reasons for Practical Nursing Students Discontinuing Their Training at the Laramie MDTA Vocational School of Practical Nursing" was completed in November, 1967. It was subsequently disseminated by the Research Coordinating Unit. Principal investigator of the project was Robert Foree. The study was concerned with the problem of the high drop-out rate at the Laramie Vocational School of Practical Nursing. During the four years the school has been in operation, the drop-out rate has been averaging about 51 percent. The study made several recommendations regarding selection of students, physical facilities, curriculum and other factors. Limited supply of copies of the study is available.

Community College Brochure

A brochure entitled "Wyoming's Community Colleges Offer Varied Programs in Vocational-Technical Education" was published by the RCU in December, 1967. The brochure was prepared by the Assistant Director. It listed vocational-technical course offerings at the six community colleges, which have been designated area vocational schools, in the state of Wyoming.

Casper College Project

The project entitled "A Study of the Correlation Between the American College Test and the Iowa Silent Reading Test and the Effect of the Results on Remedial Students", was terminated due to resignation of the principal investigators.

Follow-Up Procedure

"Follow-Up Procedure for Post-Secondary Vocational-Technical Graduates", a study compiled by Maurice L. Goff, graduate assistant for the Wyoming Research Coordinating Unit, was completed and disseminated in November, 1967. Purpose of the study was to offer local administrators of post-secondary vocational-technical programs a workable follow-up procedure involving a minimum of time and money.

PERT

"Program Evaluation and Review Technique for Educational Research Project Development and Control" is a publication prepared by Bruce C. Perryman and William H. Nightwine, former Director and Assistant Director of the Wyoming RCU. Purpose of the booklet is to disseminate to Wyoming's educational community the basic concepts and principles of a project management information system entitled Program Evaluation and Review Technique - or PERT.

PROJECTS UNDERWAY

Governor's Vocational Conference

As a professional staff member on the World of Work Sub-Committee for the Governor's Conference on Vocational-Technical Education, Gene Schrader, RCU Director, attended a meeting of the Conference on November 20, 1967, in Laramie.

Concerned with the urgency of informing Wyoming citizens of the importance of vocational education in the future of the state, the sub-committee decided the major function of this sub-committee would be communication. Schrader told the group that the Assistant Director of the RCU would be available to assist the sub-committee, or the Conference as a whole, with this function.

In the budget estimate given the Finance Sub-Committee, the preliminary reports were given primary emphasis. It was suggested that 5,000 of these reports be distributed to such groups as education personnel, church leaders, labor organizations and legislators.

Policies and Procedures Manual

The Assistant Director of the RCU has completed a preliminary format for a Policies and Procedures Manual for Vocational-Technical Education. Details for specific sections of the manual are being studied by the State Director for Vocational-Technical Education. This manual is aimed to help school administrators develop vocational programs in their communities.

Secondary Schools Vocational Programs

Work on the project, "Are Wyoming's Secondary School Vocational Programs Geared to Wyoming Industries?", is being done by Robert Wright of Laramie. The project was proposed by Dr. James Zancanella, head of the Vocational Division of the University of Wyoming. It was originated by Fred P. Black, Jr., RCU Graduate Assistant at the University of Wyoming. The project was funded for $989.50 from RCU funds.

1968 CAMPS Plan

The Wyoming RCU Director serves as a professional consultant for the Cooperative Area Manpower Planning System committee. Meetings of the group are held monthly.

Data Collection

The Director is working on the development of data collection instruments for use during the 1968-69 school year to facilitate data collection in the Vocational-Technical Education Division. The Unit is also in the process of analyzing data taken from the foundation reports of the secondary schools in Wyoming.

EDRS Service

During this reporting period, the Unit acquired a Micro Fiche Reader. The RCU also has access to a Micro-Fiche Reader-Printer. All output of EDRS is being acquired, and the Unit will make itself

available to answer search questions for Wyoming researchers. Limited abstract services will be provided within budgetary limitations.

Vocational Agriculture

A proposal to determine the status of Vocational Agriculture in the state of Wyoming was received by the Research Coordinating Unit. This proposal was generated by an ad hoc committee composed of lay people and professional educators involved in the field of agriculture. This proposal was referred to the Assistant Director of Vocational Agriculture of the State Department of Education. The project is now underway.

Background of Business Faculty

Fred Black, Jr., Graduate Assistant at the University of Wyoming, supported by the Research Coordinating Unit, has begun a study of the background of selected junior college business faculty in selected states. The results of this study will enable the University to prepare a curriculum for junior college business teachers.

Bibliography

Robert Wilmeth, Graduate Assistant at the University of Wyoming, supported by the Research Coordinating Unit, is in the process of completing a bibliography of materials on the use of advisory committees in Vocational-Technical Education.

Vocational Needs Study

Gene Schrader, Director of the Research Coordinating Unit, is undertaking a multi-phase project relative to locating area vocational schools so that all persons in Wyoming will have access to some vocational program. All junior and senior high school students in Wyoming high schools are being surveyed to determine future educational plans, certain demographic and socio-economic data will be acquired and analyzed to determine program needs for Wyoming youth. A study of Wyoming adults with respect to their educational needs, and a study of business and industry needs will be incorporated into this project. It is hoped that a comprehensive plan for Vocational-Technical Education can be developed and submitted to the Wyoming legislative bodies for their action.

Home Economics Advisory Committee

Both the Director and Assistant Director of the Research Coordinating Unit, Gene Schrader and Mrs. Pat Korp, are serving as members of the Home Economics Advisory Committee of the Cheyenne school system. The committee has been formed to provide guidelines for the food service occupations class, a pilot project in the state of Wyoming. Mrs. Korp would appreciate hearing from readers of this document concerning information available on the subject of occupational education in the area of food service occupations.

PROPOSED PROJECTS

Vocational Education Booklet

A booklet designed to acquaint Wyoming educators, students, and other citizens with the scope of Vocational-Technical Education in the state is being planned by the Assistant Director of the Research Coordinating Unit.

Summer Workshop

A proposal for a three-week summer workshop for Research in Vocational Education has been initiated by Dr. James Zancanella, head of the Department of Vocational Education at the University of Wyoming. Purpose of the workshop, scheduled for July 29 through August 16, is to inform a selected group of Wyoming vocational educators, guidance counselors, administrators, and others of the present concept and approach to research in vocational education. Also, participants will be brought up-to-date or given a "refresher course" in research design, method, funding, resources, and other aspects which will contribute to their knowledge and provide them with a tangible, meaningful course of action upon returning to their positions next fall. A similar two-week workshop held on the University of Wyoming campus during the summer of 1967 was considered to be very successful.

Proposal Evaluation

Several proposals received by the RCU have been evaluated. They include:

- "A Study to Determine the Skills and Training Needed for Distributive Occupations in Wyoming" by James Deaver, Distributive Education Supervisor of Laramie High School, Laramie. (RETURNED FOR MODIFICATIONS)
- "A Study of the Needs and Desirability of an Adult Homemaking Program in Crook County, Wyoming" by Nancy Hower, Home Economics Instructor, Hulett High School, Hulett. (NO ACTION)
- "A Survey to Determine if There is Enough Interest and Desire to Offer a High School Course in Basic Aeronautics" by Patrick J. Freiberg, Dean Morgan Junior High School, Casper. (REJECTED)
- "A Feasibility and Program Determination Study of the Schools of Carbon County to Determine the Necessity for, Desirability of, and Best Program for an Area Vocational School to be Located in School District #3, Carbon County, Rawlins, Wyoming" by Albert B. Schultz, Superintendent of Schools, Carbon County School District #3, Rawlins. (BEING REVISED)
- "A Study to Determine Functional Vocational Areas that Resident Indians can Exercise Within the Wind River Reservation" by Robert T. Nash, Counselor for School District No. 14, Ethete. (REJECTED)
- "A Feasibility Study to Determine the Incorporation of Related Areas into the Agriculture Curriculum to Prepare Students for Work in OFF-FARM Occupations" by A. L. Albert, Superintendent of Schools, Newcastle. (NO ACTION)

- "A Study to Determine the Feasibility of the Installation of Data Processing Equipment in the Powell Public Schools in Powell" by Margaret Olson, Instructor at Powell High School, Powell. (BEING REVISED)
- "A Study to Determine if the Curriculum of Evanston Senior High School Meets the Needs of the Graduates for the Past Five Years in Their Present Employment" by Harry W. MaGee, Business Education Teacher, Evanston High School, Evanston. (REJECTED)
- "A Study of the Effectiveness of Adult Education Classes in Securing Employment After Completing Courses" by Richard D. Clabaugh, Northwest Community College, Powell. (BEING REVISED)
- "A Proposal to Study the Feasibility of Starting a Program in Vocational Adult Education in the Area of Farm and Ranch Management for the Farmers of the Powell Community", by R. R. Robertson, Assistant Superintendent of Schools, Powell. (REJECTED)
- "Reactions of Graduates to Business Education Programs in Big Horn Basin High Schools", by Helen Stevens, Instructor at Byron High School in Byron. (BEING REVISED)
- "A Survey of Per Pupil Costs for Vocational Education Classes in School District #6, Park County, Wyoming", by Glen V. Mangus, Administration Assistant, Cody. (BEING REVISED)
- "A Survey of Drop-outs in Campbell County High School", by Robert Tolson, Distributive Education Coordinator, Campbell County High School, Gillette. (REJECTED)
- "An Investigation and Feasibility Study with Prospects of Developing a Food Service Training Program at the High School Level in Washakie County", by Dorothy L. Hoese, Instructor at Worland High School, Worland. (BEING REVISED)

- "An Investigation of the Needs and Interests of Lovell High School Girls in Order to Change the Home Economics Curriculum", by Jane Miller Schaaf, Instructor at Lovell Senior High School, Lovell. (BEING REVISED)
- "A Feasibility Study to Determine if a Workshop in Vocational Agriculture will Assist in Orientating New Teachers to the State Program of Works", by Robert G. Bramlet, Instructor at Lusk Senior High School, Lusk. (REJECTED)
- Phase Two of the study being conducted by Dr. Wilma E. Hirst, "Occupational Needs of the Socio-Economic, Disadvantaged, and Other Handicapped Youth of Laramie County School District Number One". (REJECTED)